

**Name of the Work** erection of pole , installation of lightning arrestor with earth pit and draw partial L/T overhead line 415V, 3phase for providing power supply to Road weighbridge near check post no.-3 under RWP.

ITC Available

Sl .No	Description	Quantity	Units	Rate
1	erection metallic pole of following length in tement concrete 1.36 (trement 3 tearse sand graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc as required (Above 100 meter and up to 12 meter)	4	nos.	
2	Dismantling of over head lines comprising of copper/ aluminium over head conductor, Cl. wire, cross arms, insulators etc. as required	238	nos.	
3	Dismantling of pole/ street light standard/strut embedded in cement concrete foundation etc. as required.	8	nos.	
4	Cost of PVC insulated and PVC sheathed /XLPE power cable of 1.1 KV grade aluminium armord cable 4 Core x 25 Sq mm size (Excluding GST)	150	nos.	
5	Laying of one number PVC insulated and PVC sheathed /XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required (a) Upto 35 sq. mm	100	nos.	
6	Drawing of FRLS PVC insulated copper conductor armored cable 4 x 10 sq mm, 1.1 KV grade	50	nos.	
7	Providing of GI wire 8SWG/4mm for Net earthing and cable tieing work (Excluding GST @18%)	45	kg	
8	Providing MS Nut + Bolt + Washer 5/8"x2.5", 3"	10	nos.	
9	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	7	kg	
10	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/	100	kg	

	terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)			
11	Jointing copper! G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting/ nut bolting/sweating and soldering etc as required	20	nos.	
12	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	4	mtr	
13	Supply of 5 spike Copper lightning arrestor complete set, Dimension of ball - 50 mm round, rod dia - 25mm, length -50 cm, Size of base plate - 150mm x 150mm x 6mm	4	nos.	
14	Total impact of gst	1	no	
15	Total	1	no	